

HAZARDOUS MATERIALS DATA SHEET
(PLEASE COMPLETE APPLICABLE SECTIONS)

1. PRODUCT NAME, NUMBER, SYNONYM: Turco 4090
2. MANUFACTURER'S NAME: Turco Products, Inc.
3. MANUFACTURER'S ADDRESS: 24600 So. Main St., Wilmington, Calif. 90745
4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Flush to sewer with water.
5. TRANSPORTATION AND STORAGE REQUIREMENTS: Transport and store in closed container.
Temperature: 0-130°F
6. FIRST AID TREATMENT:
- A. SKIN CONTACT: Wash with soap and water.
- B. EYE CONTACT: Flush with copious amounts of water. Obtain medical attention.
- C. INHALATION: Remove to fresh air.
- D. ANTIDOTE IN CASE OF SWALLOWING: Induce vomiting, followed by glass of milk.
7. PHYSIOLOGICAL PROPERTIES:
- A. ACUTE ORAL TOXICITY: Moderate
- B. LOCAL EFFECTS UPON EYES: Moderate to severe irritation.
- C. LOCAL EFFECTS UPON SKIN: Slight defatting
- D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): NA - no volatile materials
- E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Irritation of nose
(dust of dry product)
- F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS): Unknown
8. CHEMICAL AND PHYSICAL PROPERTIES:
- A. SPECIFIC GRAVITY (WATER = 1) NA
- B. VAPOR DENSITY (AIR = 1) NA
- C. VAPOR PRESSURE mm Hg AT 25°C. Less than 5 mm
- D. pH 12-12.5
- E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS:
Product safe on aluminum, magnesium, plexiglass, rubber and well bonded paint.

F. DOES THE MATERIAL DECOMPOSE ON EXPOSED TO AIR? WATER? HEAT? STRONG DISIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Sodium carbonate	40-50
Sodium silicate	40-50
Sodium borate	Less than 10
Sodium sulfonate	Less than 5

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Avoid breathing dust. Avoid contact with skin and eyes.

10. RECOMMENDED PROTECTIVE EQUIPMENT: Dust mask when handling dry product. Face shield and rubber gloves.

11. A. FLASHPOINT °F: CLOSED CUP none; OPEN CUP none; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER Unknown; UPPER Unknown

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES ; NO X

D. FIRE POINT °F Unknown; AUTO IGNITION TEMPERATURE °F Unknown

E. VAPOR DENSITY NA

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? Carbon dioxide

G. SUITABLE EXTINGUISHING AGENTS: Carbon dioxide

12. INFORMATION FURNISHED BY: A. E. Zaelke
TITLE: Chief Technical Service Engineer
COMPANY: Turco Products, Inc.
ADDRESS: 24600 So. Main St.,
Wilmington, Calif. 90745
DATE: 11/19/71

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.